New DIAL TEST INDICATOR

MADE IN U.S.A.

Construction of Mechanism

The GS Dial Test Indicator utilizes a lever arm instead of the usual rotating multiple gear and pinion trains.

Simplified Lever Movement

The GS Dial Test Indicator is indispensable for general machine shop work, tool and die making, lathe and milling machine set-ups and all bench and inspection operations.

Results

- ✓ Greater accuracy.
- ✓ Less chance of error because of low friction.
- ✓ The lever arm segment does the work of a gear 1 7/8" in diameter.

GEORGE SCHERR CO., Inc.

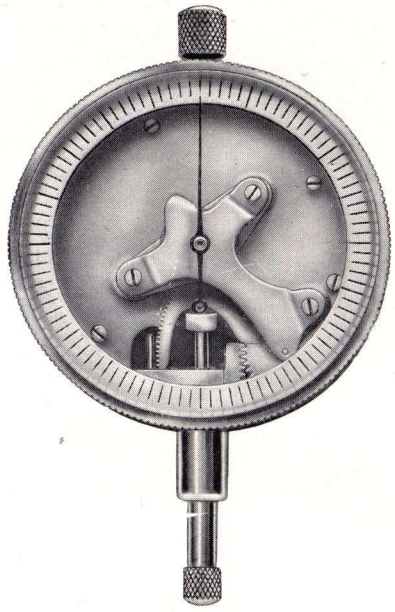
Headquarters for Precision Machines and Measuring Tools of Highest Quality

128 Lafayette Street, New York, N. Y.

Prove Work Accuracy! REDUCE REJECTIONS WITH THE

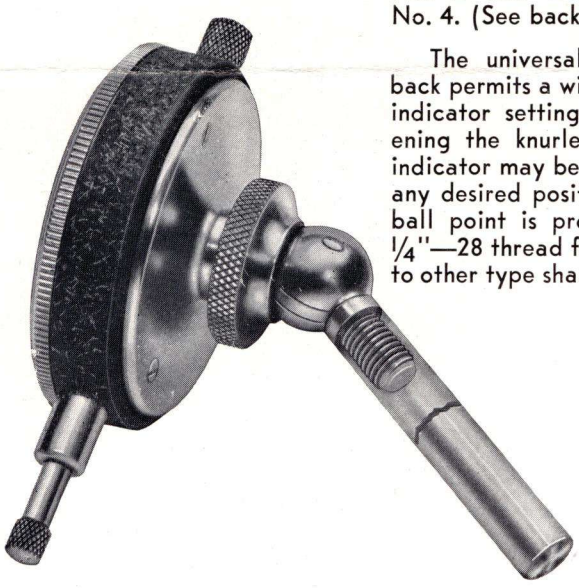
Under today's conditions, with accuracy essential in all operations, it is universally agreed that every mechanic and shop must be equipped with dial indicators.

Without dial indicators for proving the accuracy of work before machining and for checking the product after finishing, you invite the trouble of unexpected rejections, loss of time and money and a slowing up of production for correcting errors which could easily have been avoided by the use of a reliable indicator.



INVESTIGATE THE GS DIAL TEST INDICATOR

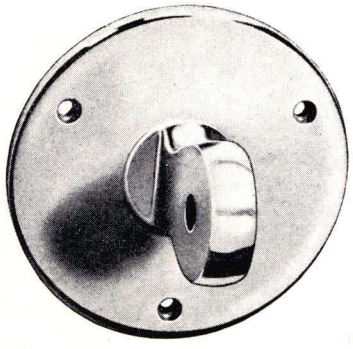
FEATURES OF THE UNIVERSAL BACK



As supplied with Indicator No. 2 and Complete Set No. 4. (See back page.)

The universal ball joint back permits a wide range of indicator settings. By tightening the knurled ring, the indicator may be clamped in any desired position. End of ball point is provided with 1/4"—28 thread for fastening to other type shanks.

THE PLAIN BACK



As supplied with Indicator No. 1 and Complete Set No. 4. (See back page.)

The plain back has 1/4" flange and 3/16" hole to fit existing fixtures.

SIMPLICITY OF CONSTRUCTION MEANS GREATER DURABILITY

The GS Dial Test Indicator is built upon the fundamental principle that the simpler the mechanism, the greater will be the accuracy and durability of the indicator. Note only three moving parts and the small number of teeth of the segments in contact. FEWER PARTS MEAN LESS TROUBLE, LOWER COSTS, FEWER REPAIRS.

FEATURES AND SPECIFICATIONS

- Rotating adjustable dial for zero setting with positive lock-nut.
- Case and plunger housing machined in one piece from nickel-silver casting. No die-casting with danger of crystallization or distortion.
- Movement is mounted between separate top and bottom plate.
- Hair spring mounted between two flat plates and cannot interfere with lever rack.
- Dust-proof case and rust-proof mechanism made of stainless steel and bronze.
- Plunger is hardened and ground and has nickel-silver bearing.
- Non-breakable crystal.

Diameter of housing	2"
Thickness	7/16"
Stem diameter	.375"
Plunger diameter	5/32"
Plunger travel	3/16"
Dial graduated in 1/1000"	0-50-0

DIAL TEST INDICATOR. *Here are Typical Uses!*

A few common applications for the GS Dial Test Indicator are shown on this page. Every mechanic and shop superintendent has numerous other uses every day for a sturdy, dependable indicator. See back page for order blank.

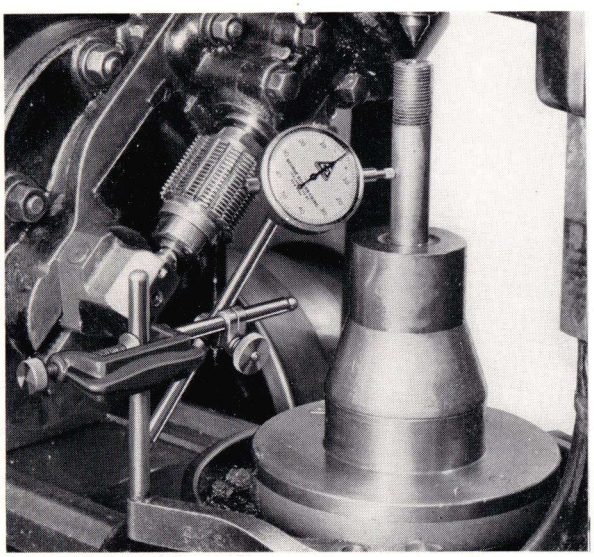
FOR INTERNAL MEASUREMENTS

This attachment simplifies the testing of internal surfaces for true running. Extremely practical for reboring jobs on lathes, boring mills, internal grinders and other machines. Will enter bore 1¼" depth.

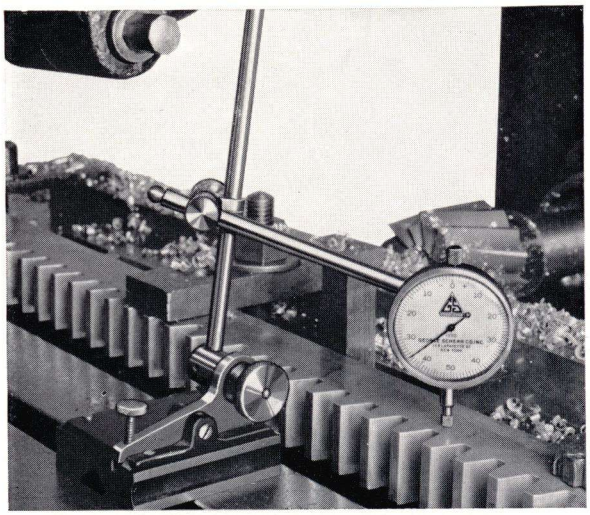
No. 1 No. 2 No. 3

POINTS FOR VARIOUS PURPOSES

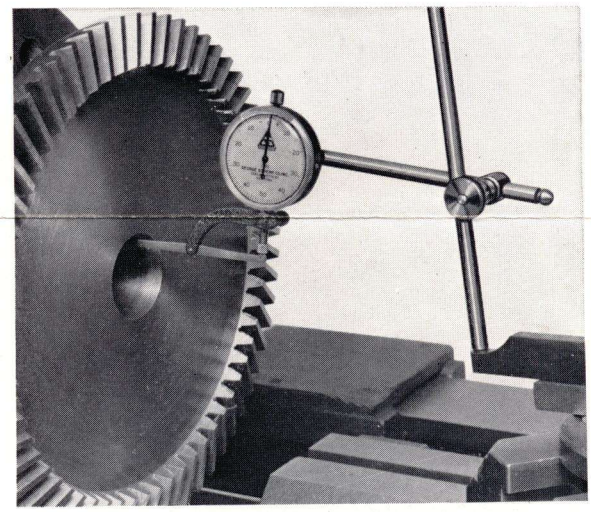
These three points can be supplied to suit varied requirements. Illustrations are actual size. Thread is 2 — 64.



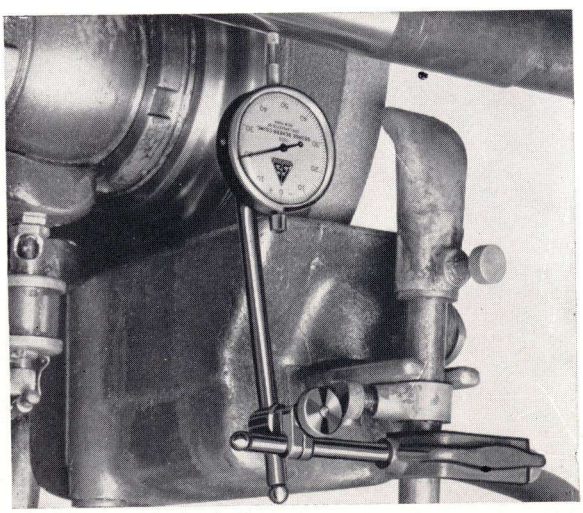
Testing the arbor of a gear hobbing machine. The GS Dial Test Indicator is also used for testing the running quality of cutter, gear blanks, etc. The manufacture of smoothly running gears requires extreme care in set-up.



Checking height alignment of a milling job with GS Dial Test Indicator held by GS Surface Gage. Similar applications on planers, shapers, surface plates and others are common. Surface Gage furnished for only $3.50 extra.



Truing up a reboring job on a lathe with the use of the internal attachment. Kindred work on internal grinders, boring mills, etc., is also possible.



The GS Dial Test Indicator is a necessity for every cylinder grinder. The clamp holder, which is furnished with GS Dial Test Indicator Sets No. 3 and No. 4, permits quick and easy attachment to the machine.

Choose the DIAL TEST INDICATOR to Suit Your Needs!

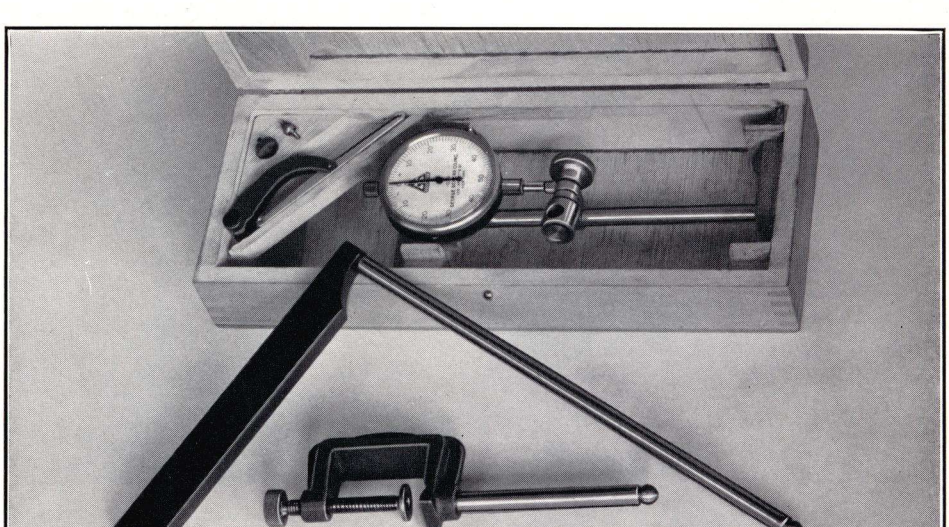


Illustration shows the GS Dial Test Indicator Set complete in case. Machinists, toolmakers and inspectors will appreciate the convenience of the toolpost holder with bar, clamp for fastening to bars and machine tools, internal attachment and the three types of points which are provided in the complete sets.

YOU MAY ORDER GS DIAL TEST INDICATORS AND SETS AS FOLLOWS:

GS Dial Test Indicator No. 1

Indicator with plain back and No. 1 point.

Price $9.00

GS Dial Test Indicator No. 2

Indicator with universal ball joint back and No. 1 point.

Price $12.00

GS Dial Test Indicator Set No. 3

Indicator with plain back, Nos. 1, 2 and 3 points, toolpost holder with bar, clamp, internal attachment. See complete set above.

Price $15.00

GS Dial Test Indicator Set No. 4

Indicator with universal ball joint back, Nos. 1, 2 and 3 points, toolpost holder with bar, clamp, internal attachment. See complete set above.

Price $18.00

GS DIAL TEST INDICATORS ARE FULLY GUARANTEED FOR ACCURACY.
WE SHIP ANYWHERE SUBJECT TO MONEY BACK IF NOT SATISFACTORY.

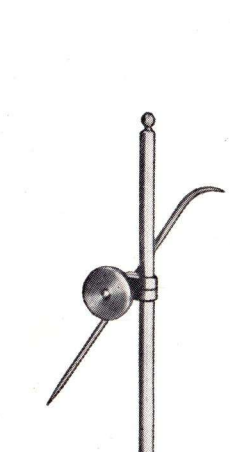
FILL IN COUPON—TEAR HERE—MAIL TODAY!

GEORGE SCHERR CO., Inc.
128 Lafayette St., New York, N. Y.

( ) GS Dial Test Indicator No. 1
( ) GS Dial Test Indicator No. 2
( ) GS Dial Test Indicator Set No. 3
( ) GS Dial Test Indicator Set No. 4
( ) GS Surface Gage No. 154

Please send articles checked for which I enclose $..... ( ). Send C.O.D. ( ). Company Order herewith ( ). If not entirely satisfactory, I am allowed to return indicators within 10 days and receive full refund of payment made.

NAME .....
ADDRESS .....
CITY ..... STATE .....
COMPANY AFFILIATION .....



The GS Surface Gage No. 154 can be used with indicator and for other purposes. Order now. Price $3.50

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